FIG.1

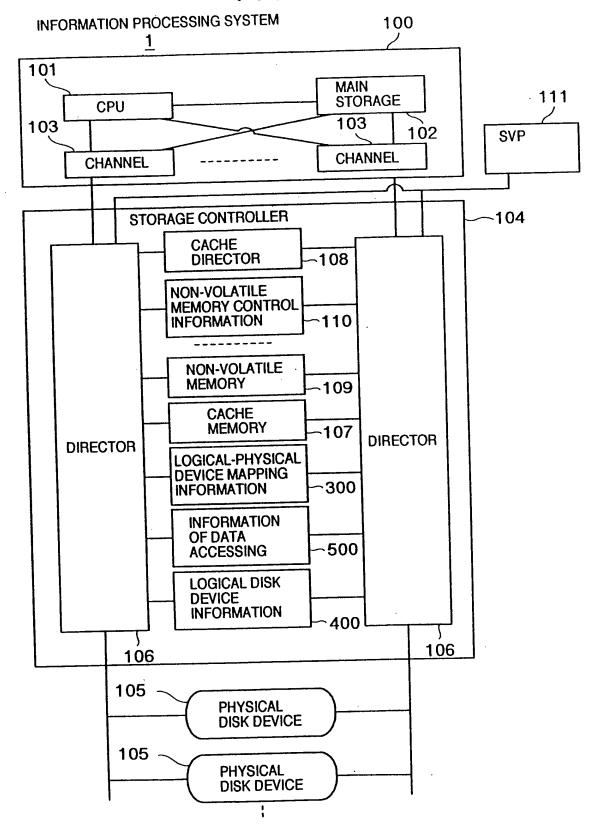
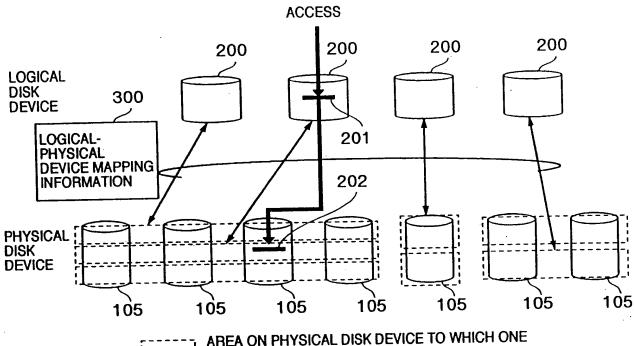


FIG.2



--- AREA ON PHYSICAL DISK DEVICE TO WHICH ONE - LOGICAL DISK DEVICE IS ALLOCATED

FIG.3

```
LOGICAL-PHYSICAL DEVICE MAPPING INFORMATION
    300
LOGICAL DISK LAYOUT 310
INFORMATION
                                                               311
               PHYSICAL DISK DEVICE GROUP
                                                               312
               RAID CONFIGURATION
                                                               313
               START POSITION
   PHYSICAL
   DISK LAYOUT
                 320
   INFORMATION
                                                               -321
                LOGICAL DISK DEVICE GROUP
```

## FIG.4

## LOGICAL DISK INFORMATION 400

ļ	STATE OF LOGICAL DISK	<u> </u>	401
- 1	REALLOCATION POINTER	<b>-</b>	402

## FIG.5

## INFORMATION OF DATA ACCESSING 500

1	ACCESS FREQUENCY INFORMATION	<u> </u>
	ACCESS PATTERN INFORMATION	502

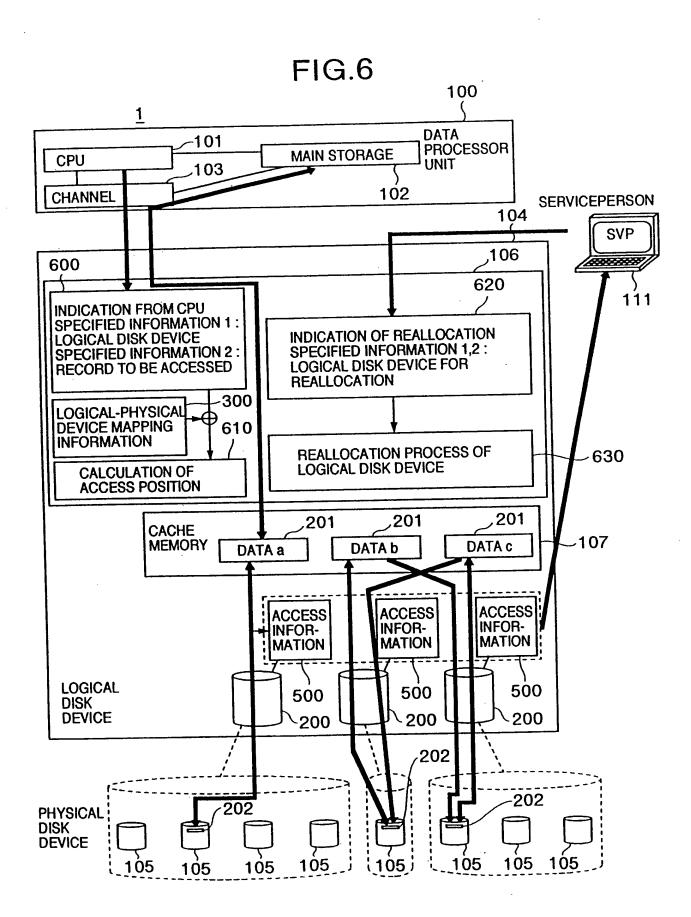


FIG.7

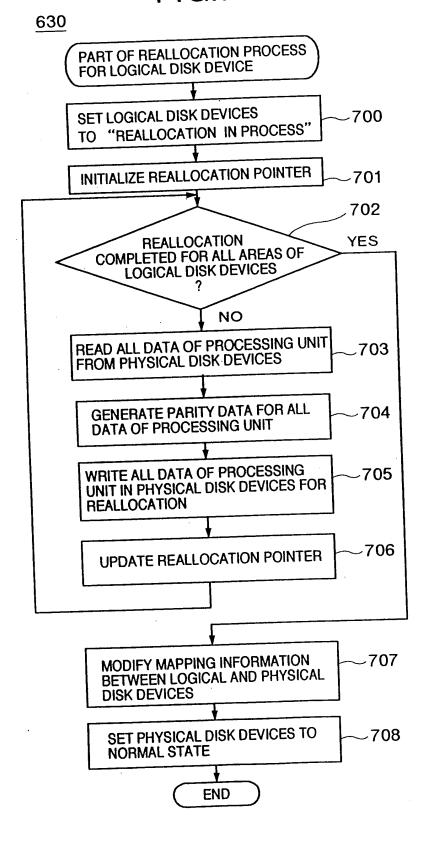
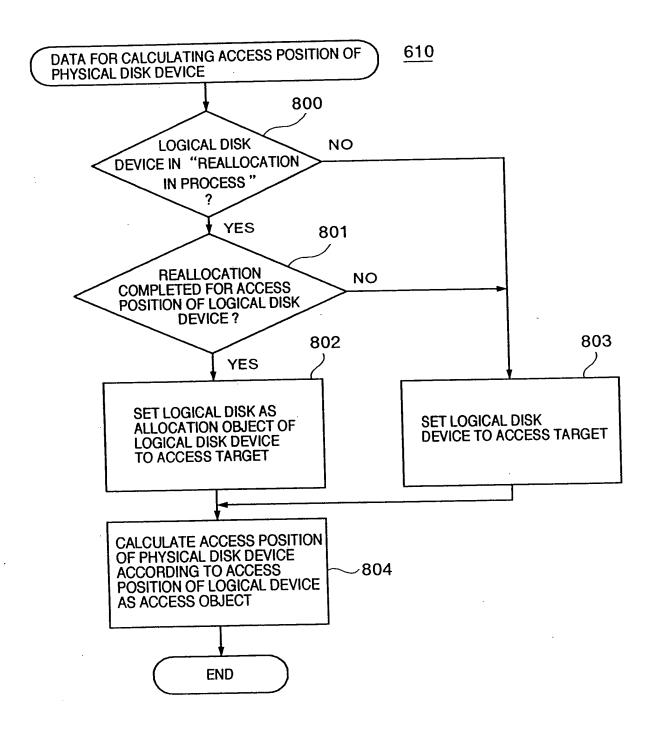
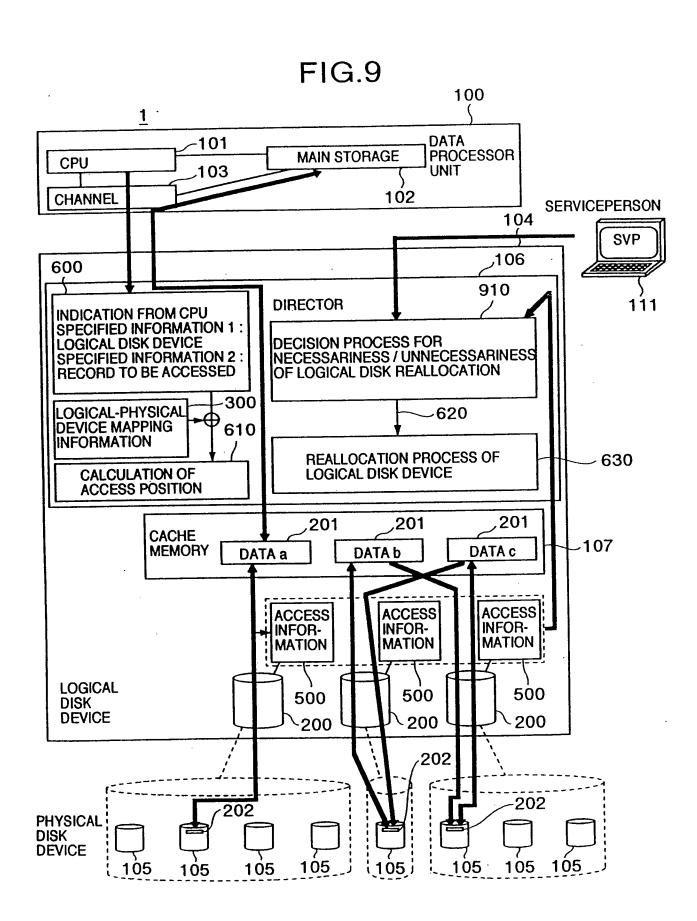


FIG.8





**FIG.10** 

